

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A manipulation device of a microwave oven, the manipulation device comprising:

a control panel;

a dial knob ~~stably~~ mounted on the control panel, the dial knob including a coupling shaft formed at a center portion ~~with~~ thereof and having a predetermined length and ~~at least one a~~ plurality of guide-rib ribs formed on an outer surface of the coupling shaft; ~~and~~

an output adjusting gear coupled with the dial knob; and

a coupling member configured to be inserted at an end of the coupling shaft through the output adjusting gear so as to fix the output adjusting gear to the dial knob, wherein at least one of the plurality of guide ribs penetrates through the output adjusting gear and at least one other of the plurality of guide ribs is positioned spaced apart from the output adjusting gear.

2. (Original) The manipulation device according to claim 1, wherein the control panel comprises a recessed portion on which the dial knob is mounted.

3. (Currently Amended) The manipulation device according to claim 1, wherein the control panel comprises a knob hole at a predetermined location ~~in~~ into which the dial knob is inserted ~~for the stable mounting~~.

4. (Currently Amended) The manipulation device according to claim 3, wherein the control panel further comprises a stop projection ~~protruded that~~ protrudes from a circumference of the knob hole toward a center of the knob hole to restrict a movement of the dial knob within a predetermined range.

5. (Canceled).

6. (Currently Amended) The manipulation device according to claim 1, wherein the coupling shaft comprises a hole at a leading end ~~with~~ having a predetermined depth ~~[[,]]~~ for receiving a that receives the coupling member.

7. (Canceled).

8. (Currently Amended) The manipulation device according to claim 1, wherein the at least one of the plurality of guide ~~rib~~ ribs comprises a reinforcement rib formed at one side with thereof having a predetermined width and length.

9. (Currently Amended) A manipulation device of a microwave oven, the manipulation device comprising:

a dial knob;

a coupling shaft ~~extending that extends~~ from a center portion of the dial knob with a predetermined length;

a plurality of guide ribs formed on an outer surface of the coupling shaft;

an output adjusting gear having a shaft hole ~~in~~ into which the coupling shaft is inserted;

a control panel ~~in~~ into which the dial knob is rotatably inserted; and

a coupling member ~~fixing~~ configured to be inserted into the coupling shaft through the output adjusting gear to fix the output adjusting gear to the dial knob ~~[[,]] for an integral rotation of so that~~ the output adjusting gear integrally rotates with the dial knob, wherein at least one of the plurality of guide ribs penetrates through the output adjusting gear and at least one other of the plurality of guide ribs is positioned spaced apart from the output adjusting gear.

10. (Canceled).

11. (Currently Amended) The manipulation device according to claim 9, wherein the output adjusting gear further comprises a guide surface ~~for preventing that prevents~~ an engaged gear from separating from the output adjusting gear.

12. (Currently Amended) The manipulation device according to claim 9, wherein the output adjusting gear further comprises a guide surface and gear teeth on a back thereof, wherein an outer diameter of the guide surface ~~being~~ is larger than an outer diameter of the gear teeth of the output adjusting gear.

13. (Currently Amended) The manipulation device according to claim 9, wherein the coupling member is a screw, an outer surface of which ~~outer surface~~ is threaded.

14. (Currently Amended) The manipulation device according to claim 9, wherein the output adjusting gear further comprises a gear sleeve formed at a back ~~with~~ thereof and having a predetermined diameter and height.

15. (Currently Amended) The manipulation device according to claim 9, wherein the control panel comprises:

a mounting surface ~~at~~ on one side ~~on~~ of which the dial knob is ~~stably~~ mounted; and

a receiving sleeve formed on the other side ~~with~~ thereof and having a predetermined diameter and height ~~to stably receive, that receives~~ the output adjusting gear.

16. (Currently Amended) The manipulation device according to claim 9, wherein the output adjusting gear further comprises at least one slot ~~extending that extends~~ radially from a circumference of the shaft hole ~~with~~ having a predetermined length and width.

17. (Canceled).

18. (Currently Amended) A manipulation device of a microwave oven, the manipulation device comprising:

a dial knob including a coupling shaft and a plurality of guide ribs;

an output adjusting gear coupled ~~with~~ to the dial knob ~~for transmitting the~~ that transmits a rotation motion of the dial knob, the output adjusting gear including a shaft hole;

a control panel having a knob hole ~~in~~ into which the dial knob is rotatably inserted and a stop projection ~~extending that extends~~ from a circumference of the knob hole toward a center of the knob hole; and

a coupling member ~~for the coupling of~~ configured to be inserted into the coupling shaft through the shaft hole of the output adjusting gear, such that the dial knob and is coupled to the output adjusting gear, wherein at least one of the plurality of guide ribs penetrates through the output adjusting gear and at least one other of the plurality of guide ribs is positioned spaced apart from the output adjusting gear.

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19. (Currently Amended) The manipulation device of claim 18, wherein a rotational range of the dial knob inserted ~~in~~ into the knob hole is determined by a width of the stop projection.

20. (Currently Amended) The manipulation device of claim 18, wherein the output adjusting gear further comprises a guide surface on a side ~~to prevent~~ thereof that prevents an engaged gear from separating from the output adjusting gear.